EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(thread process task) near (specify$3 determin$) near ((OS or (operating near system))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 14:06
		S19 and (	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:20
		S15 and (RTOS or (real near time near (os or (operating near system)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 13:35
		real near time near (OS or (operating near system)) near priority	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:03
		((general near purpose near (OS or (operating near system))near (real near time near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:02
		((general near purpose near (OS or (operating near system))near (real near time near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:02
		US-20050050541-$.DID. OR US-20050183085-$.DID. OR US-20060010446-$.DID. OR US-6182218-$.DID. OR US-6496848-$.DID. OR US-6754576-$.DID. OR US-20030135319-$.DID. OR US-20070180454-$.DID. OR US-20050251806-$.DID. OR US-5867725-$.DID. OR US-5179685-$.DID. OR US-5371887-$.DID. OR US-6424715-$.DID. OR US-5291614-$.DID. OR US-6968552-$.DID. OR US-7269678-$.DID. OR	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 10:08
L7	76	((SUN near ZHITAI) or (HASEGAWA near KENICHI)or(KATO near TAKEHARU) or (UCHIYAMA near TORU)).inv.	US-PGPUB; USPAT	OR	ON	2007/12/18 16:24
L11	2047	718/102,103.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/18 16:32

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	(general near purpose near (OS or (operating near system))near real near time near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/18 16:32
L13	0	l11 and L12	US-PGPUB; USPAT	OR	ON	2007/12/18 16:32
L14	4912	chang$3 near priority	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/18 16:33
L15	344	L14 and (os near (operating near system))and priority	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/18 16:33
L16	20	l11 and L15	US-PGPUB; USPAT	OR	ON	2007/12/18 16:35
S1	1	"5630128".pn.	USPAT	OR	ON	2007/12/11 15:49
S2	2	US-20050050541-$.DID. OR US-20050183085-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/11 17:41

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EAST Search History (Page 4)

S5	41	(active near (process thread) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 12:59
S6	0	(GPOS near RTOS near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:00
S7	0	(general near purpose near (OS or (operating near system))near real near time near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:03
S8	10	(real near time near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:09
S9	0	(multiple near (OS or (operating near system)) near idle near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:09
S10	0	(multiple near (OS or (operating near system)) near priority)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:28
S11	375	hybrid near (os or (operating near system))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:29
S12	1	S11 and S8	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:29
S13	3	S11 and RTOS	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/12/12 13:33
S14	30532	fujitsu near limited	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 13:33

12/18/2007 4:38:51 PM
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EAST Search History (Page 3)

S3	47	US-20050050541-$.DID. OR US-20050183085-$.DID. OR US-20060010446-$.DID. OR US-6182218-$.DID. OR US-6496848-$.DID. OR US-6754576-$.DID. OR US-20030135319-$.DID. OR US-20070180454-$.DID. OR US-20050251806-$.DID. OR US-5867725-$.DID. OR US-5179685-$.DID. OR US-5371887-$.DID. OR US-6424715-$.DID. OR US-5291614-$.DID. OR US-6968552-$.DID. OR US-7269678-$.DID. OR US-20020078257-$.DID. OR US-20040163089-$.DID. OR US-20050216635-$.DID. OR US-20070226736-$.DID OR US-7146513-$.DID. OR US-7260068-$.DID. OR US-20040146030-$.DID. OR US-20050138452-$.DID. OR US-20060194624-$.DID. OR US-6223259-$.DID. OR US-5832262-$.DID. OR US-20050149933-$.DID. OR US-20060161922-$.DID. OR US-5327419-$.DID. OR US-5627745-$.DID. OR US-4843541-$.DID. OR US-4847765-$.DID. OR US-4860207-$.DID. OR US-4941087-$.DID. OR US-5201052-$.DID. OR US-5305447-$.DID. OR US-5339425-$.DID. OR US-5828568-$.DID. OR US-5940612-$.DID. OR US-5995745-$.DID. OR US-6035321-$.DID. OR US-6052580-$.DID. OR US-6198591-$.DID. OR US-6240358-$.DID. OR US-3648253-$.DID. OR US-3905023-$.DID. OR US-4047161-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 16:31
S4	4	US-6542926-$.DID. OR US-6332180-$.DID. OR US-20020032850-$.DID. OR US-6496847-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 12:50

12/18/2007 4:38:51 PM
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EAST Search History

Ref#	Hits	Search Query	Databases	Op	Default Plurals	Time Stamp
S15	24302	S14 and (os or (operating system))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 13:34
S16	30	S15 and (RTOS or (real time near (os or (operating near system))))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/18 16:30
S17	1	"6108683".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 13:51
S18	4903	chang$3 near priority	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:17
S19	343	S18 and (os near (operating near system))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:20
S20	343	S18 and (os near (operating near system))and priority	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:21
S21	2	S20 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:22
S22	8	change near (OS or (Operating near system)) near priority	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:48
S23	0	change near (task process) near priority near kernel near mode	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:49
S24	0	change near (task process) near priority near kernel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:49
S25	3	(change higher lower) near (task process) near priority near kernel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:50
S26	3	(chang$3 higher lower) near (task process) near priority near kernel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:50

EAST Search History

Ref#	Hits	Search Query	Databases	Op	Default Plurals	Time Stamp
S27	3	(chang$3 higher$3 lower$3) near (task process) near priority near kernel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:24
S28	3	(chang$3 higher$3 lower$3) near (task process) near priority near (kernel root core)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 14:51
S29	1	"5469571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/12/12 15:25
S30	102	(process task) near queue near (timeslot or time or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 16:33
S31	0	S30 and(process task)near prempt$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 16:33
S32	1	"20050149933".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/17 17:12
S33	1	"5392409".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/17 17:13
S34	1	"6157989".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/17 17:14
S35	656	(process near control near block)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 13:39
S36	15704	(process near (ID identifica$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 10:10
S37	84	S35 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 10:20
S38	4	S37 and (ready near execut$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 10:10
S39	2583910	"35" and (OS or (operating near system))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 13:40
S40	656	(process near control near block)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 13:40
S41	502	S40 and (OS or (operating near system))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 13:43

EAST Search History

S42	219	S41 and flag	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 13:41
S43	17	S40 and ((multi or multiple) near (OS or (operating near system)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 14:05
S44	103	(thread process task) near (specify$3 determin$) near (OS or (operating near system))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 14:08
S45	21	(thread process task) near (specify$3 determin$) adj(OS or (operating near system))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/18 14:08

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RTOS and GPOS task scheduling   Search

The **"AND"** operator is unnecessary -- we include all search terms by default. [details]

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B Adelberg
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B Adelberg, H Garcia-Molina, B Kao - Real-Time Systems Symposium, 1994.,
Proceedings., 1994 - ieeexplore.ieee.org
... machine running a real-time operating sys- tem (**RTOS**). ... Slack is determined statically
at **task** arrival, and is not ... we describe real- time **scheduling** in a **GPOS**. ...
Cited by 39 - Related Articles - Web Search - Library Search

[PDF] The Real-Time Application Interface - all 2 versions »
K Yaghmour - Proceedings of the Linux Symposium, July, 2001 - opersys.com
... facility, it is possible to ensure that infinite loops and **task scheduling** overruns
2 ... integrates the best of both worlds in the hybrid **GPOS/RTOS** combina- tion. ...
Cited by 7 - Related Articles - View as HTML - Web Search

PC-based automation systems: an example of application for the real-time control of blowing machines - all 3 versions »
S Vitturi - Computer Standards & Interfaces, 2004 - Elsevier
... is, we have always T<P×D. Thus, as the execution of the real-time tasks ends, the
RTOS passes control to the **GPOS** which maintains ... 3. **Task scheduling**. ...
Cited by 2 - Related Articles - Web Search

[PDF] Real-Time **Scheduling** in a Virtual Machine Environment
C Augier - JRWRTC'07 - hal.archives-ouvertes.fr
... provides a global vision of the **RTOS** tasks at ... to add a **task** that abstracts the **GPOS**
interrupt servicing ... and when the **scheduler** selects this special **task** to run ...
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Method of and apparatus for **task** control, and computer product
Z Sun, K Hasegawa, T Kato, T Uchiyama - 2005 - freepatentsonline.com
... 7 is a flowchart of operations performed by the **scheduler** of the **RTOS** when the
GPOS
task executed by the equilibration proceeds to running an IDLE process; ...
Cached - Web Search

Method of and apparatus for managing **task**, and computer product
Z Sun - 2005 - freepatentsonline.com
... [0038] The **scheduler** 150 of the **RTOS** 100 accesses ... **scheduler** 150 gives designation
to the **GPOS scheduler** 220 to ... a process communicating with the RT **task**, ie, a ...
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Method and system for concurrent execution of multiple kernels - all 2 versions »
RS Desai, JS Rajput - 2006 - freepatentsonline.com

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A Silberschatz

P Galvin

G Gagne

A Tanenbaum

R Van Renesse

An Extensible Microkernel for Application-specific Operating System Services - all 27 versions »
BN Bershad, C Chambers, S Eggers, C Maeda - portal.acm.org
... Each **change**, though, required careful and deliberate modifications of the ... By safe, we mean that **multiple** applications may run ... 2 **Operating System** Adapatability ...
Cited by 160 - Related Articles - Web Search

Operating system architecture using multiple priority light weight kernel task based interrupt ... - all 3 versions »
M Bunnell - US Patent 5,469,571, 1995 - Google Patents
... CHAR READ/ .WRITE **CHANGE PRIORITY** OF SERVER ... **OPERATING SYSTEM** ARCHITECTURE USING **MULTIPLE**
PRIORITY LIGHT WEIGHT KERNEL TASK BASED INTERRUPT HANDLING ...
Cited by 27 - Related Articles - Web Search

A hierarchial CPU scheduler for multimedia operating systems - all 14 versions »
P Goyal, X Guo, HM Vin - ACM SIGOPS **Operating** Systems Review, 1996 - usenix.org
... node itself can use **multiple** scheduling policies ... It would also dynamically **change** the relative ... predictable scheduling algorithm for multimedia **operating system**. ...
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Scheduling algorithms and operating systems support for real-timesystems - all 10 versions »
K Ramamritham, JA Stankovic - Proceedings of the IEEE, 1994 - ieeexplore.ieee.org
... time extensions to time-sharing **operating system** kernels, and ... possess characteristics
that span **multiple** paradigms ... is highly inflexible since any **change** to the ...
Cited by 237 - Related Articles - Web Search

Processor capacity reserves: operating system support formultimedia applications - all 32 versions »
CW Mercer, S Savage, H Tokuda - Multimedia Computing and Systems, 1994.,
Proceedings of the ..., 1994 - ieeexplore.ieee.org
... and the other program could **change** its timing ... ie each period is an even **multiple**
of every ... that the computation time of **operating system** services provided by ...
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[BOOK] Operating system concepts - all 25 versions »
A Silberschatz, PB Galvin... - 1991 - cs.ecnu.edu.cn
... If a component has a data value **change**, and the ... features for a process to contain
multiple threads of ... maps to the thread model of the host **operating system**. ...
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An overview of the Real-Time CORBA specification - all 27 versions »
DG Schmidt, F Kuhns - Computer, 2000 - ieeexplore.ieee.org
... thread pool can process requests for **multiple** POAs ... all these threads—these

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B Adelberg

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W Yuan

J Kim

Q Li

Method of and apparatus for task control, and computer product
Z Sun, K Hasegawa, T Kato, T Uchiyama - 2005 - freepatentsonline.com
... [0093] As described above, the **RTOS** changes the real **priority** 502 of the **GPOS** task
400 depending on the events occurring in the respective states of the **GPOS** ...
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[PDF] Can Windows NT 4.0 be used as an RTOS? - all 3 versions »
RT Class - omimo.be
... This is good for a **GPOS** as it gives all threads a chance to ... However, the rules
determining these **priority** changes are not suitable for an **RTOS** so Microsoft ...
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Enhancement of real-time operating system functionality using a hypervisor
K Code, MA Auslander, B Betzler, DM Da Silva, MN ... - freepatentsonline.com
... could be made by way of a system call to the application's **RTOS**, which, in ... the present
example) is given slots 1 and 2 with a **priority** of 0. A **GPOS**, such as ...
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[PDF] Real-Time Scheduling in a Virtual Machine Environment
C Augier - JRWRTC'07 - hal.archives-ouvertes.fr
... As the **RTOS** is given the highest **priority**, these interrupts will be processed
only when the **RTOS** is idle and a **GPOS** is selected to run. ...
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[PDF] Linux for High Performance and Real-Time Computing on SMP Systems - all 4 versions »
D RAGOT, Y SADOURNY, D FOUEILLASSAR, P COUVEE, L ... - linuxdevices.com
... One would expect to program **RTOS** services within a **GPOS** infrastructure. ... A **GPOS**
compliant
with ... promote regular Linux tasks to high-**priority** DIC tasks. ...
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Priority Assignment Policies for Multimedia Tasks in General Purpose Operating Systems
A Kantarci, T Tunah - Advances in Computer and Information Sciences' 98: ISCIS'98: ...,
1998 - books.google.com
... Traditional **RTOS** are hard real-time operating systems. ... in **GPOS** has two important
features: • **GPOS** provide limited number of **priority** levels for real ...
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Method of and apparatus for managing task, and computer product
Z Sun - 2005 - freepatentsonline.com
... 2 is a schematic for explaining a data structure used by an **RTOS** according to the
embodiment in **priority** succession to a process controlled by a **GPOS**; [0019 ...
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